

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: December 27, 2001, 20:25:09 ; Search time 156.31 Seconds
(without alignments)
3939.567 Million cell updates/sec

Title: US-09-830-647-4

Perfect score: 2719
Sequence: 1 aattcgccagcgctctctg.....aaaaaaaaaactcgag 2719

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents, NA: *
1: /cgn2_6/ptodata/2/ina/5A.COMB.seq: *
2: /cgn2_6/ptodata/2/ina/5B.COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A.COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B.COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PCITUS.COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfile1.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match Length	ID	Description
C 1	68.6	2.5	7218	1	US-08-232-463-14 Sequence 14, Appl
C 2	54.8	2.0	12001	1	US-08-458-568A-11 Sequence 11, Appl
C 3	52.4	1.9	152331	3	US-09-128-155-16 Sequence 16, Appl
C 4	51.8	1.9	320	4	US-09-165-264-11 Sequence 11, Appl
C 5	51.6	1.9	320	4	US-09-165-264-14 Sequence 14, Appl
C 6	51.2	1.9	320	4	US-09-165-264-13 Sequence 13, Appl
C 7	50.8	1.9	319	4	US-09-165-264-8 Sequence 8, Appl
C 8	50.2	1.8	320	4	US-09-165-264-7 Sequence 7, Appl
C 9	50	1.8	318	4	US-09-165-264-12 Sequence 12, Appl
C 10	49.6	1.8	4897	6	5196516-7 Patent No. 5196516
C 11	47.4	1.7	289	4	US-09-007-005-17 Sequence 17, Appl
C 12	47.4	1.7	289	4	US-09-244-796-17 Sequence 17, Appl
C 13	46	1.7	1275	3	US-08-725-532A-2 Sequence 2, Appl
C 14	45.4	1.7	4488	4	US-08-406-030A-3 Sequence 3, Appl
C 15	44.8	1.6	53526	3	US-08-658-136-2 Sequence 2, Appl
C 16	44.8	1.6	53577	3	US-08-658-136-1 Sequence 1, Appl
C 17	44.2	1.6	3663	4	US-09-499-884-11 Sequence 11, Appl
C 18	44.2	1.6	19124	2	US-08-487-826B-13 Sequence 13, Appl
C 19	43.8	1.6	405	2	US-08-903-800A-3 Sequence 3, Appl
C 20	43	1.6	2430	4	US-08-845-258-3 Sequence 3, Appl
C 21	43	1.6	2430	4	US-08-845-258-40 Sequence 40, Appl
C 22	43	1.6	2430	4	US-08-990-571-3 Sequence 3, Appl
C 23	43	1.6	2430	4	US-08-990-571-40 Sequence 40, Appl
C 24	43	1.6	2430	4	US-08-723-142A-3 Sequence 3, Appl
C 25	43	1.6	2430	4	US-08-723-142A-40 Sequence 40, Appl
C 26	43	1.6	2836	3	US-08-747-221B-24 Sequence 24, Appl
C 27	43	1.6	2836	3	US-08-747-221B-26 Sequence 26, Appl

28	43	1.6	2836	4	US-09-005-051-24	Sequence 24, Appl
C 29	43	1.6	2836	4	US-09-005-051-26	Sequence 26, Appl
C 30	43	1.6	10396	1	US-08-245-809-5	Sequence 5, Appl
C 31	43	1.6	10965	1	US-08-107-748-4	Sequence 4, Appl
C 32	43	1.6	10965	5	PCT-US92-01385-4	Sequence 4, Appl
C 33	42.8	1.6	1826	4	US-09-286-691-11	Sequence 11, Appl
C 34	42.8	1.6	1826	4	US-09-687-147-11	Sequence 11, Appl
C 35	42.8	1.6	5434	2	US-08-841-349-1	Sequence 1, Appl
C 36	42.8	1.6	8220	2	US-08-568-459A-11	Sequence 11, Appl
C 37	42.8	1.6	8220	2	US-08-487-826B-11	Sequence 11, Appl
C 38	42.8	1.6	18596	4	US-08-318-448-11	Sequence 11, Appl
C 39	42.8	1.6	19124	2	US-08-487-826B-13	Sequence 13, Appl
C 40	42.4	1.6	913	4	US-08-818-112-16	Sequence 16, Appl
C 41	42	1.5	1897	2	US-08-809-464A-1	Sequence 1, Appl
C 42	42	1.5	1897	4	US-09-352-302-1	Sequence 1, Appl
C 43	42	1.5	1906	2	US-08-809-494A-3	Sequence 3, Appl
C 44	42	1.5	1906	4	US-09-352-302-3	Sequence 3, Appl
C 45	41.8	1.5	2058	2	US-08-749-391-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-08-232-463-14/c
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEFFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOXP10X VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300, 6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: PT2gpt-fls
; US-08-232-463-14

[illegible]

RESULT 2
 US-08-458-568A-11/C
 : Sequence 11, Application US/08458568A
 : Patent No. 5821339
 :
 GENERAL INFORMATION:
 APPLICANT: Schaffer, Patricia A.
 APPLICANT: Yeh, Lily
 TITLE OF INVENTION: Compositions and Methods for Treatment of Herpesvirus
 TITLE OF INVENTION: Infections
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5821339R1S
 STREET: One Liberty Place, 46th floor
 CITY: Philadelphia
 STATE: PA
 COUNTRY: USA
 ZIP: 19103
 :
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1
 :
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/458,568A
 FILING DATE: 02-JUNE-1995
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/065,146
 FILING DATE: 05-MAY-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Leary Ph D., Kathryn R.
 REGISTRATION/DOCKET NUMBER: 36,317
 REFERENCE/DOCKET NUMBER: DFCI-0029
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-4439
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 12001 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Herpes simplex virus
 STRAIN: Herpes Simplex Virus Type 1
 US-08-458-568A-11

Query Match	2.08;	Score 54.8;	DB 1;	Length 12001;
Best Local Similarity	59.78;	Pred. No. 0.0016;		
Matches 92;	Conservative	0;	Mismatches 62;	Indels 0;
				Gaps 0;

Year	Number of cases	Percentage of cases
2018	119	178
2017	119	178
2016	119	178
2015	119	178
2014	119	178
2013	119	178
2012	119	178
2011	119	178
2010	119	178
2009	119	178
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1911	119	178
1910	119	178
1909	119	178
1908	119	178
1907	119	178
1906	119	178
1905	119	178
1904	119	178
1903	119	

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RESULT 3
US-09-128-155-16/c
? Sequence 16, Application US/09128155
? Patent No, 6117654
? GENERAL INFORMATION:
? APPLICANT: Pan, Yan9
? TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
? TITLE OF INVENTION: AND USES THEREOF
? FILE REFERENCE: 09404/052001
? CURRENT APPLICATION NUMBER: US/09/128,155
? CURRENT FILING DATE: 1998-08-03
? EARLIER APPLICATION NUMBER: US 60/091,650
? EARLIER FILING DATE: 1998-07-02
? EARLIER APPLICATION NUMBER: US 60/054,646
? EARLIER FILING DATE: 1997-08-04
? NUMBER OF SEQ ID NOS: 18
? SOFTWARE: FastSeq for Windows Version 3.0
? SEQ ID NO 16
? LENGTH: 152331
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? NAME/KEY: misc_feature
? LOCATION: (1)...(152331)
? OTHER INFORMATION: n = A,T,C or G
US-09-128-155-16

```

[illegible]


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: Patent No.6197510
: GENERAL INFORMATION:
: APPLICANT: Vinayagamorthy, Thuraiayah
: TITLE OF INVENTION: Multi-Local Genomic Analysis
: FILE REFERENCE: 44747
: CURRENT APPLICATION NUMBER: US/09/165,264
: CURRENT FILING DATE: 1998-10-01
: NUMBER OF SEQ ID NOS: 14
: SOFTWARE: Patentin Ver. 2.1
: SEQ ID NO: 8
: LENGTH: 319
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence:Primer sequence
: US-09-165-264-8

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Query Match	1.98;	Score 50.8;	DB 4;	Length 319;
Best Local Similarity	50.88;	Pred. No. 0.002;		
Matches 121; Conservative	0;	Mismatches 117;	Indels 0;	Gaps 0;

[illegible]

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RESULT      8
US-09-165-264-7
: Sequence 7, Application US/09165264
: Patent No. 6197510
: GENERAL INFORMATION:
: APPLICANT: Vtiavagamoorthy, Thuralayah
: TITLE OF INVENTION: Multi-Loci Genomic Analysis
: FILE REFERENCE: 44747
: CURRENT APPLICATION NUMBER: US/09/165,264
: CURRENT FILING DATE: 1998-10-01
: NUMBER OF SEQ ID NOS: 14
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 7
:
: LENGTH: 320
:
: TYPE: DNA
: ORGANISM: Artificial Sequence
:
: FEATURE:
:
: OTHER INFORMATION: Description of Artificial Sequence:Primer sequence
US-09-165-264-7

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Query Match	1.88;	Score 50.2;	DB 4;	Length 320;
Best Local Similarity	51.18;	Pred. No. 0.0028;		
Matches 118; Conservative	0;	Mismatches 113;	Indels 0;	Gaps 0;

Genotype	Mean	SE	DF
OY	41	1.1	100
Db	74	1.1	133
OY	101	1.1	160
Db	134	1.1	133
OY	161	1.1	220

Db	Qy	Db	Qy
194	221	254	304

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RESULT          9
US-09-165-264-12
: Sequence 12, Application US/09165264
: Patent No. 6197510
: GENERAL INFORMATION:
: APPLICANT: Vinayagamocorthy, Thuraiayah
: TITLE OF INVENTION: Multi-Tool Genomic Analysis
: FILE REFERENCE: 44747
: CURRENT APPLICATION NUMBER: US/09/165,264
: CURRENT FILING DATE: 1998-10-01
: NUMBER OF SEQ ID NOS: 14
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO. 12
: LENGTH: 318
: TYPE: DNA
: ORGANSIM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence:Primer sequence
US-09-165-264-12

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Query Match      1.88; Score 50; DB 4; Length 318;
Best Local Similarity 50.98; Pred. No. 0.0031;
Matches 119; Conservative 0; Mismatches 115; Indels 0; Gaps 0;
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[illegible]

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RESULT 10
5196516-7/c
; Patent No. 5196516
; APPLICANT: SCHEURES, CHRISTA S.;METTENLEITER, THOMAS C.
; SIMON, ARTOR J.;LIKAS, NOEMI RZHA, HANNS J.
; TITLE OF INVENTION: PSEUDORABIES VIRUS VACCINE
; NUMBER OF SPOUNCES: 8
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/383,833
; FILING DATE: 21-JUL-1989
; SEQ ID NO.:7:
; LENGTH: 4897
5196516-7

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Query Match	1.8%;	Score 49.6;	DB 6;	Length 4897;
Best Local Similarity	50.9%;	Pred. No. 0.018;		
Matches 118; Conservative	0;	Mismatches 114;	Indels 0;	Gaps 0;

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QY      41 ggcggcagccgagcccggtctgagaactgaagcaacgaaatgaaggcgggtaga   100
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Db    4293 GAGAGGACCGGAGGGGAGAGGCACGGGGGGGGGAGAGGACACGGAGGGGAGAGGACGAG   4234
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QY 101 ggcgaacacacactgtgagggcgagagcgagagcgagcggtgagggg 160
    || || || || || || || || || || || || || || || || ||
DB 4233 GGGAGAGGAGACGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 4174
QY 161 cggggcgagcgagcgagagcgagagcgagagcgagcgagcgagcgag 220
    || || || || || || || || || || || || || || || ||
DB 4173 GGGAGAGGAGACGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 4114
QY 221 tggcggtgagagcgagcgagcgagcgagcgagcgagcgagcgagcg 272
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DB 4113 GGAAGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 4062
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RESULT 11

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US-09-007-005-17
; Sequence 17, Application US/09007005B
; Patent No. 6258558
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rhee
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350003
; CURRENT APPLICATION NUMBER: US/09/007,005B
; EARLIER FILING DATE: 1998-01-14
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 289
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
; NAME/KEY: misc_feature
; LOCATION: (1)...(289)
; OTHER INFORMATION: n = A,T,C or G
US-09-007-005-17
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Query Match 1.7%; Score 47.4; DB 4; Length 289;
Best Local Similarity 5.0%; Pred. No. 0.013;
Matches 10; Conservative 99; Mismatches 92; Indels 0; Gaps 0;
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QY 54 agcccggtctgagactgagagagcaacggaatgtggcggtgagagcgagaaacaa 113
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DB 55 tgrntrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrn 114
QY 114 cctgagagcgagagcgagcgagcgagcgagcgagcgagcgagcgagcgagc 173
    || || || || || || || || || || || || || || || ||
DB 115 rsnrnrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrn 174
QY 174 ggcgaagcgagcgagcgagcgagcgagcgagcgagcgagcgagcgagcgag 233
    || || || || || || || || || || || || || || || ||
DB 175 rsnrnrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrn 234
QY 234 ggcggggcgagcgagcgagcgagcgagcgagcgagcgagcgagcgagcg 254
    || || || || || || || || || || || || || || || ||
DB 235 rurararcrcrurgrcr 255
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RESULT 12
US-09-244-796-17
; Sequence 17, Application US/09244796
; Patent No. 6281344
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
```

```
; APPLICANT: Liu, Rhee
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350007
; CURRENT APPLICATION NUMBER: US/09/244,796
; EARLIER FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 289
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
; NAME/KEY: misc_feature
; LOCATION: (1)...(289)
; OTHER INFORMATION: n = A,T,C or G
US-09-244-796-17
```

```
Query Match 1.7%; Score 47.4; DB 4; Length 289;
Best Local Similarity 5.0%; Pred. No. 0.013;
Matches 10; Conservative 99; Mismatches 92; Indels 0; Gaps 0;
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QY 54 agcccggtctgagactgagagagcaacggaatgtggcggtgagagcgagaaacaa 113
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DB 55 tgrntrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrn 114
QY 114 cctgagagcgagagcgagcgagcgagcgagcgagcgagcgagcgagcgagc 173
    || || || || || || || || || || || || || || || ||
DB 115 rsnrnrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrn 174
QY 174 ggcgaagcgagcgagcgagcgagcgagcgagcgagcgagcgagcgagcgag 233
    || || || || || || || || || || || || || || || ||
DB 175 rsnrnrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrntrsrn 234
QY 234 ggcggggcgagcgagcgagcgagcgagcgagcgagcgagcgagcgagcg 254
    || || || || || || || || || || || || || || || ||
DB 235 rurararcrcrurgrcr 255
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RESULT 13

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US-08-725-532A-2/C
; Sequence 2, Application US/08725532A
; Patent No. 6020179
; GENERAL INFORMATION:
; APPLICANT: Goll, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN TYROSINE PHOSPHATASES
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/725,532A
; FILING DATE: Filed Herewith
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
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